

### Auto Quiz

QUESTIONS.

1. Seven possible causes of a motor overheating are: Fan belt broken or slipping; gas mixture too rich; cylinders choked with earbon; too little elegged pipe or pump not working; not enough oil in the motor, and the ignition coming too late in the cylin-

motor puts on the battery an unusual shaft, the frame, springs, wheels comstrain, which will quickly weaken it. plete, gas tanks radiator, steering HOW TO USE S. A well taken care of car needs gear exhaust pipe and muffler.
but little attention in the spring other S. An automobile accessory is a part drained from the crank case, which in regard to safety. should be bushed out with kerosene and then filled with the summer grade lubricate are the cylinders, because like milady's hairpins, says the Dia- two years. Officials are sanguine that FUEL IN CARBURETOR clean it by putting in dissolved wash- the motor. clean water. Then clean the gearset and differential and change to the heavier summer oil. These are the important things to do in the spring ble? after all danger of freezing weather

of tires are not only spring but all Driving torque?

It is best to store tires where understung? emperature of about 50 degrees. If slant at which a car can be driven to replace a damaged stem in a good he casings contain inner tubes, in- without danger of overturning?

5. The facing of a cone clutch should not be oiled. Oil on the surface would cause slipping and loss of driving power.

6. The parts of the electric system which need oil are: Bearings of the when the carburetor is placed higher is being impressed upon industrial lin buildings. lation stopped, which may be due to magneto, starting motor and generator, and the rotating parts of the than the gasoline tank timer and distributor. Use very Uttie and use thin oil.

7. The chassis of an automobile is composed of the motor, transmission

than those things which are necessary of equipment or an article not absoin the change from cold to warm lutely necessary for the operation of weather driving. The oil should be the car or in compliance with law and sre thrown into an out-of-the-way on the plan of paying for the stock by

of oil This is a good time to have of the great heat generated in the mond Rubber Company, they can be nearly all the company's employees any carbon removed from the cylin- combustion chamber. This makes used for a thousand and one things will own stock within the next twelve ders. Drain out the anti-freeze so- distribution of lubricating oil on these other than that for which they were months. lution from the cooling system and surfaces the hardest of any part of intended.

ing sods. Use a pound for a small 10. Dual or two-point ignition make excellent life preservers, cushmotor and two pounds for a large one. means ignition of the gas charge in, ions for easy chairs or swings for After a day's run with the soda in, the cylinders with the simultaneous babies. If cut crosswise they make drain it out, flush and replace with sparking of two sets of spark plugs. excellent rubber bands. Pieces of

> THIS WEEK'S QUESTIONS 1. How is easy steering made possi-

2. Are springs secured rigidly has passed. Filling of grease cups, the rear axle of a car?

here is no light and there is an even | 5. What is the greatest degree of the valve stems can be used again

6. Name seven things which will

7. Why is rubber hose used instead of solid metal to connect the inlet and outlet of the motor water packet and radiator

Properly patched and inflated, the tubes may be cut with scissors and used in an emergency for washers. Strips of rubber for winding hammer and ax handles may be obtained by starting at the end and cutting spi rally around the tube.

3. What is meant by brake torque?, Innumerable other ways for using NEW BUILDINGS the tubes will present themselves 4. What is an overslung frame? An once the owner gets out of the habit of considering them worthless. Even

### GOODYEAR AFTER

8. How is fuel fed to the carburetor having employees become stockholders, building Z, now the largest of Franklighting or burning unsteadily while est number of employee-stockholders, another large seven-story the other lights are burning properly? but the Goodyear Tire & Rubber Com- now under way. This building will, schedide, including a half-hour 10. What five things will cause ex- pany is pressing hard for premier when completed, contain 25x,000 square meals. cent, of the Goodyearites subscribed, about July 1. corner of the garage or sold to the pay deductions, so that complete payjunk man, deserve a better fate. Just ment will be made within a period of

### ADDED TO BIG FRANKLIN PLANT

at the plant of the Franklin Automo- low the outlet of the lowest nozale. tile company at Syracuse is progresing rapidly. A large new seven-story FIRST HONORS building, costing \$400,000, has just been completed and occupancy taken. More and more the desirability of and another story is being added to

Although in the last sale feet of floor space and wil least \$200 - "About two years ago, after having ed with baggage of preferred stock 17,400, or 60 per one. It will be ready for occupancy

WORNOUT TIRES the company will start a drive to plant is also being built at a cost of have every worker own stock by the plant is also being built at a cost of end of 1920. Three more sales will be the proposition of the equipment. The Wornout inner tubes, which usually be held, in March, June and December, this later building will be 250 feet

it will flood the carbureter, if it is too United States decided to give the Cadlow it will result in a lean mixture and illac a try-out. difficult starting. For satisfactory epartion it is important that the float they are now said to se adjusted so that the gasoline level type of car exclusively,

Stage Company Operates

concerns in this country. The United Building Z will soon lose this disting from in California, a distance of 125 steep grades. 9. What are causes of one lamp not States Steel Corporation has the larg. ction, however, with the completion of miles, twenty-one Cadillacs make daily building trips on a six-hour-and-thirty-minute are employed, which, in addition to

ous reactions. If the level is too high tomobiles, the Pickwick-White Six The construction of new buildings be abou a thirty-second of an Inch be- cunliffe, manager of the Chicago Cad-

alline branch "In addition to the fact that the use of Cadillacs makes it possible for them Twenty-one Cadillacs to maintain their schedules, another worth-white advantage was that they were not continually delayed by stop-Over a beautiful mountain sexule ping to replenish the water in the

> "The regular seven-passenger cars carrying usually the full complement of passengers, are generally well lead



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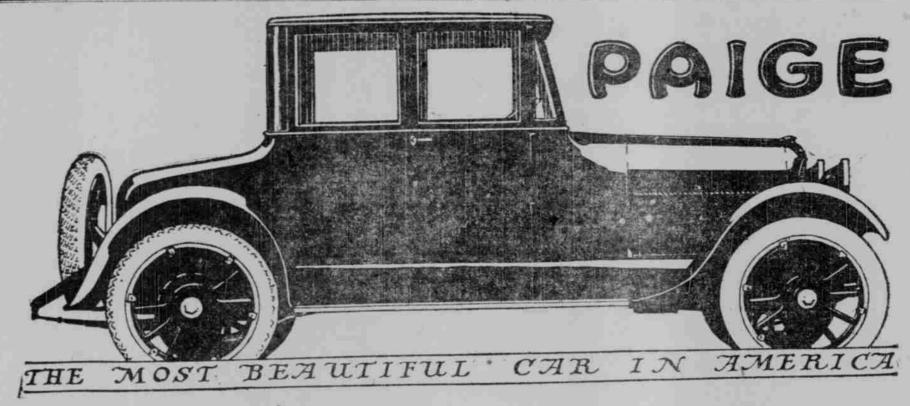
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